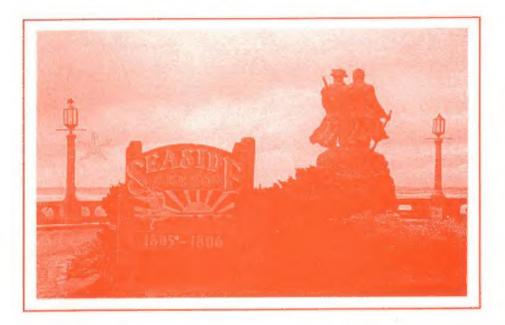




21st Year

ARRL Northwestern Division Ham Convention



Seaside Convention Center Seaside, Oregon

June 13—15, 2003

Presented by Oregon Tualatin Valley Amateur Radio Club



Welcome to SEAPAC 2003

The SEAPAC Ham Convention is sponsored by the Oregon Tualatin Valley Amateur Radio Club.

Co-Sponsors include Clark County Amateur Radio Club; Sunset Empire Amateur Radio Club; and Hoodview Amateur Radio Club.

The Sponsors wish to thank volunteers for their assistance and contributions to the convention. We hope everyone will enjoy themselves to the fullest and be a part in making this event a success.

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SEAPAC Hospitality Suite "A Hangout for Bored Spouses"

Stop by and have a cup of coffee, tea, or other beverage and relax. Registration at the Convention and ham license not required.

Listen for the latest Convention Information and Updates on 88.3 MHz



Testing at Our Saviour's Lutheran Church [across from the Convention Center] with one session at 9:00 AM, Saturday.

Pre-registration requested. Walk-ins—Space Available

There is no Kids, Krayons & Kartoons Session this year

Talk-in Station: 146:660 (-600) MHz

Convention Schedule

Registration	11:00 AM - 8:00 PM
Exhibitor & Flea Market (Setup Only)	11:00 AM - 8:00 PM
Technical Session: Fire In The Wire (Riverview ABC)) 12:30 PM - 5:30 PM
ARRL Workshop: Emergency Communications (Seaside	A&B).12:30 PM - 5:30 PM
"Bored Spouses" Hospitality (Con. Ctr Inn Room	125)6:00 PM - 8:00 PM

Registration	1
Exhibits & Flea Market 8:00 AM - 4:30 PM	1
Snack Bar 9:00 AM - 4:30 PM	1
"Bored Spouses" Hospitality (Con. Ctr Inn Rm 125) 9:00 AM - 5:00 PM	1
VE Exams (Our Saviour's Lutheran Church)9:00 AM - NOON	J
Seminars (Seaside & Riverview Rooms) 10:00 AM - 5:00 PM	1
Hourly Award Drawings Posted10:00 AM - 3:00 PM	1
YLRL Luncheon & Program (Oceanview Fireplace Rm)11:30 AM - 1:30 PM	M
QCWA Luncheon (Oceanview Tillamook Room) 11:30 AM - 1:30 PM	1
ARRL Forum (Seaside A&B)2:00 PM	1
Special SEAPAC Drawing2:30 PM	1
Pre-Banquet Happy Hour (Convention Center Lobby) 6:30 PM - 7:15 PM	ſ
Panauet (Convention Center) 7:15 PM 0:30 PM	4

Registration	8:30 AM – 12:00 PM
Exhibits & Flea Market	9:00 AM – 1:00 PM
Snack Bar	9:30 AM – 12:30 PM
"Bored Spouses" Hospitality (Con. Ctr Inn F	Rm 125).10:00 AM - NOON
Seminars (Seaside & Riverview Rooms)	10:00 AM – 12:00 PM
Hourly Award Drawings Posted	10:00 AM - 11:00 AM
Special SEAPAC Drawing	10:30 AM
Grand Awards	1:00 PM - 2:00 PM
Convention Closes	2:00 PM

SEAPAC Exhibitors

AEA Wireless

AJ's Custom Embroidery

ALF Enterprises

American Red Cross

Amateur Radio Relay Group

AM-COM Inc.

American Radio Relay League

Aesthetic Apparel

Avcom Communications

Aventrade

Badge Boys

Battery Tech

B & B Safe-T-Tek

B & D Enterprises

Books Etc.

DC Power

Dave's Radios LLC

EE Industries

Elecraft

Emtech

Fluidmotion Inc.

FUE Enterprises

Ham Radio Outlet

Ham Stuff

High Sierra Antennas

HotPress T Shirts

ICOM America

INRETECH

J & K Enterprises

J Poles.Com

Kenwood, USA

Larry's Antennas

National Communications

Navy/Marine Corps MARS

PARG

Pacific Research

Portland Amateur Radio Club

Quarter Century Wireless Association (QCWA)

Radio Emergency Services

Royal Navy Amateur Radio Society

SGC, Inc.

Starfire Tech

SW Radio/Inkjet Southwest

TigerTronics

The Ventenna Co.

W3FF Antennas

West Mountain Radio

Western Case Co.

Willamette Valley DX Club
(WVDX)

Yaesu U.S.A.

Yamhill County Amateurs

Young Ladies Radio League (YLRL)

Due to publication deadlines we apologize for any changes.

Convention Banquet Program



Vice President, ARRL

Vice President Kay Craigie, N3KN, lives in Paoli, Pennsylvania, with her husband Carter Craigie N3AO and their Jack Russell Terrier, Frodo.

Originally from Atlanta, Georgia, Kay graduated from Georgia State College (now Georgia State University) in 1968 and then moved to Pennsylvania to earn a Ph.D. from the University of Pennsylvania in Philadelphia, She taught at the University of Maryland and at Cabrini College in Pennsylvania and worked on the noninstructional staff at a local high school. In the 1980's, she stopped working for a paycheck and devoted full time to operating Mom's Taxi and doing volunteer work for Amateur Radio through the ARRL and her radio club.

First licensed in 1983, Kay became the editor of her KAY C. CRAIGIE, N3KN home radio club's newsletter, a position she continues to hold. She's a Volunteer Examiner with the club's VE team. In 1986, she became Section Manager for Eastern

Pennsylvania, moving to Atlantic Division Vice Director in 1990 and Division Director in 1996. She was elected Vice President of the ARRL in 2000.

Kay has served on all the standing committees of the ARRL Board of Directors and worked on the Enforcement Task Force, whose pressure finally resulted in the FCC's assigning Riley Hollingsworth to clean up the ham bands. Kay's first assignment as Vice President was to design what became the ARRL Education and Technology Program, a.k.a. "The Big Project." This open-ended project enables teachers to integrate ham radio into their teaching in a variety of subjects. "When we do what benefits kids," she says, "ham radio will benefit in the long run, too."

On the air, Kay enjoys DXing - that's what attracted her to ham radio in the first place - award-hunting, and contesting. She holds VUCC on 6 meters, DXCC on 7 bands (80 meters, alas, not being one of them, yet!), the DXCC Challenge award, WAZ, and WAE Class 1 CW. She enjoys digital modes as well as CW and phone. Kay's husband Carter Craigie N3AO is on traffic nets, enjoys county-hunting, and is the operations officer for their county's ARES/RACES organization.

Master of Ceremonies Greg Milnes, W7OZ ARRL Northwestern Division Director aka "The Wiz"

Greg earned his first license in 1955. In the mid-60s, he operated W7AGO/4 from Virginia. He has served as a staff attorney with the FCC Broadcast Bureau in Washington, DC and as a Judge for Washington County Circuit Court in Oregon.

Greg serves as ARRL Northwestern Division Director, and is a member of QCWA, DXCC, FARS, Willamette Valley DX Club and OTVARC (past President and Trustee).

2003 Chuck Mickley Memorial Scholarship

Sarah Brunson, KB7PJG, became interested in Ham Radio originally with morse code, earning her Novice when she was eight years old. At 14 she upgraded to Technician Plus, and now holds the General Class license. Sarah grew up going on "Field Day Trips" with dad, KC7DX, and her brother Jacob, KD7UPN.

Sarah is a Junior at Brigham Young University where she is studying Electrical Engineering with a microelectronics emphasis. She has earned a 3.67 grade point average. Sarah is a leader in the BYU Amateur Radio Club and is currently the president-elect. Some club activities she's participated in include a fox hunt, helping upgrade the club shack, guarding her campus the night before the football team plays BYU's arch rivals, and helping at BYU sponsored parades. Sarah recently took on the project of working on an emergency communications program for the club.

The BYU Amateur Radio Club grew this year, and it became increasingly important to help interested students earn ham radio licenses. Sarah helped teach these licensing classes run by club president Andrew Eldredge, KD7OSK, but says she plans to do much more next year for students who are interested in getting a license or are newly-licensed. "Ham Radio offers so many different areas to learn about that some new hams, especially younger ones, become overwhelmed. I want them to feel comfortable trying new things so they can find something that draws them in, like morse code or building antennas or DXing have done for me. When they find that, ham radio is no longer a passing phase, but a lifetime hobby."

For the summer, Sarah is working as an engineering intern for Intel Corporation.

AIRIRIL IRepresentation

Kay Cragie, N3KN, ARRL Vice President
Greg Milnes, W7OZ, Director, Northwestern Division
James E. Fenstermaker, K9JF, Vice Director, Northwestern Division
Dan Miller, K3UFG, Emergency Communications Course, ARRL

SEAPAC HOSPITALITY ROOM

Convention Center Inn Room 125

"A HANGOUT FOR BORED SPOUSES"

FRIDAY, June 13th
Room open from 6:00 pm to 8:00 pm

Stop by and have a cup of coffee, tea or other beverage.

Help start a puzzle.

Bring in books and recipes for the exchange and take some with you when you leave.

SATURDAY, June 14th Room open 9:00 am to 5:00 pm

Program starts at 10:00 am

"What is a 72 Hour Emergency Kit?"

> Presented by: Dan Boothby

Be prepared for the inevitable and the unexpected. Questions and answers at the end of the program.

Crafts
Refreshments
Book Exchange
Recipe Swap

Let's finish our puzzle!

Coffee tea, and other beverages. Popcorn, donuts and bagels (while they last). SUNDAY, June 15th Room open 9:00 am to Noon

Pick up copies shared, take a book from the exchange, complete a craft and sample one of the recipes You don't need to bring a book or recipe to take one home.

We will continue to work on the puzzle, if it isn't finished

Coffee tea, other beverages, donuts and bagels will be served.

Volunteers who helped at the "Hang out for bored spouses"

Julie Landers, KD7GQW

Pat Ackenhead, WA2ZZZ
Mary Berg, N7TRW
Harold Landers, WA0BRU
Teresa Mathia
Jeff Mathia, KF6CXD
Linda Sutton, KC7YTD

YLRL LUNCHEON

All Ladies Invited

Candy Okuliez SP5XAB Warsaw, Poland

"Friendship Through Amateur Radio in DXpeditions"

Oceanview Inn - Fireplace Room



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d resistration c Three Forks Group Camping Inc. P.O. Box 124 East Glacier, Montane 59434

(408) 228-4479

Prime (USS ONLY): (Includes 1 dismer and 1 breakfast and all prise drawn) (Includes 1 dismer and 1 breakfast and all prise drawn) (does <u>NOT</u> include any prize drawn) \$ 17.00 \$ 15.00 \$ 4.00 Adult breakfast.... \$ 5,00 (does NOT include any prize draws) (does NOT include my print drawn) Child (6-12) dinner. \$3.00 (does NOT include any prize drawn) Child (6-12) brenkfast \$4,00 Child under 6 PER (does NOT include any prise drawn) Day Pass \$3,00

Last Name:	PLANE FRONT
Adres	Chyr
Previnceditates	ZZP/Poznal Code:
Email Address:	Home Area Code & Pieses:

Pieses lim warrant, your Speace and all Colldren (with use noted) below.
EVERYOUR must be liesed for EMERGENCY LOCATION PURPOSES.

Pre-register before June 01 and have a chance to win:

All Full registrants have a chance to win: Grand Prize #1 Kanwood D700 Dual Band Mobile . Joom IC W32A Duel Bend Handheld Grand Prize #2 Jewelry from Mostana Sepphire Ladin Grand Prim #1 ... Ladies Grand Print #2 ...

Hamfest 2003 includes this — AND MUCH MORE!

All "Foll" registrants have a vote

Burny Hunt (Jim Cummits)

High Speed CW Counse

2003 Montana State AllRL Convention Saturday Hamburger BBQ Lunch

Beer Bottle Auction

Saturday Night BBQ Suppor (bring plate, utensils & meal tickets) (Bring year own meet) **QCWA** Mosting Annual Hamfort Mostic

Sunday Morning Breakfast (bring plats, utmails & meal tickets)

Dealer Displays

Hamilet Pine

Junque Auction

Coults (charge) "Ham Jam" Priday Night (bring your instruments) OLF Count DXCC Somicar

APRS Seminar Kir Building See

U.S. V.B.C. Everns

Children's Events (Boy Nord)

ORP Semintr

Bingo (Adult & Children)

Bazzar & Craft Sale

(Sellers: \$5.00 per table)

Repeater Linking Seminar

Pet Parada

Packet Cluster Seminar

Bring your portable FM radio to listen for announcements on radio station W-HAM FM 90.1 MHz on your FM dial



Glacier-Waterton Hamfest July 18, 19, 20, 2003 Three Forks Group Camping

HAMFEST WEBSITE: http://www.gwhamfest.org/

SEASPAC

Grand Awards

Need Not Be Present

Alinco DX-70TH HF/6 Meter Yaesu VX-5R Tri-Band HT Alinco DR-605TQ Dual Band ICOM IC-2100H 2 Meter Mobile Kenwood TH-22AT 2 Meter HT

Must Be Present In Convention Center
NONE BY PROXY
(YOU MUST BE IN THE CONVENTION CENTER)

Kenwood TS-50 HF Mobile Kenwood TH-D7 Dual Band HT ICOM IC-W32A Dual Band HT Yaesu FT-50RD Dual Band HT

SPECIAL DAILY AWARDS

Special Award Drawings will be held on Saturday at 2:30 PM and Sunday at 10:30 AM. Must be present to claim award.

The drawing is limited to one hour between 1:00 PM - 2:00 PM on Sunday. The awards are purchased at or below cost from dealers and manufacturers.

We take this opportunity to express our appreciation for their assistance.

Good Luck!

HOURLY AWARDS

Posted in the lobby and on stage for 2 hours Unclaimed Awards are re-issued!

Early Bird Awards

Registrations postmarked prior to May 15, 2003 eligible

Yaesu FT-817 Mobile Astron RS-35M Power Supply

Award models subject to change depending on availability from the manufacturers and suppliers.



SEMINARS Friday

12:30 PM (1) WORKSHOP Riverview ABC

"Fire in the Wire" Marshall Johnson KK7CW

1:00 PM ARRL SEMINAR Seaside A&B
EMERGENCY COMMUNICATION COURSE

Saturday

10:00 AM (4) "Motivating Volunteers" Seaside C

Kay C. Craigie N3KN

(6) "A.P.R.S." Riverview B

Ron Reeves N7QXO

10:30 AM (11) "Get Your Feet Wet Wth PSK31"

Clint Hurd KK7UQ Seaside A&B

(8) "Ground Systems for HF Verticals"

Rudy Severns N6LF Riverview A

(12) "Near Vertical Incident Skywave"

Bert Younglove WA7AXO Riverview C

11:30 AM (15) "DXing for Beginners"

Al Rovner K7AR Seaside C

(18) "MatchMaker - Code Strategy"

Sam L. Sparks PhD KD7K Riverview B

12:30 PM (7) "The MARS Program" Riverview A
Pete Thunem WA7JBG

. 30 PM (2) ARRL FORUM Seaside A&B Greg Milnes W7OZ Kay C. Craigie N3KN (5) "A Repeater for the 21st Century" David Hakleman W7OH Seaside C (13) "Repeater Internet Linking" Mike Steiner KD6LVP Riverview C 2 00 PM (20) "Community Disaster Education" Prepare for Life Riverview A Patrice Goodman American Red Cross (3) "VHF Mobile Antenna Performance" The Other Half of the Story Danny Richardson K6MHE Riverview B 3:30 PM Riverview C (19) "Hams' Law" Phil Kane K2ASP (14) "Sound Card Software for Amateur Radio" 3 45 PM West Mountain Radio Seaside A&B (9) "OSLing: Getting That Card" Riverview A Bren Roberson W7EN Corv Schoch KA7IUG (17) "Overcoming Antenna Restrictions Riverview B Mark Forbes KC9C John Kernkamp WB4YJT Sunday

10:00 AM (16) "Emergency Communications Antennas"
Marshall Johnson KK7CW Riverview B&C
(10) "Sound Card Lab" Seaside A&B
Hoodview A.R.C.

^{**} Topic information on following pages

Semimar Topic Information

We hope, again this year, that you find seminars that catch your interest and open doors to new ham radio adventures. The presenters volunteer their time to share their knowledge and skills on many facets of our great hobby. Whatever your interests are, you're sure to acquire a great deal of new knowledge to take home from the seminars.

Here is the overview of the seminars this year. This will help you select the seminars of interest. When attending seminars be sure to thank the presenter when it is over, and PLEASE, TURN OFF HAND-HELDS DURING THE SEMINARS.

(1) FRIDAY WORKSHOP: "Fire in the Wire"

Marshall Johnson KK7CW ARRL Oregon Section Manager

Owner/Engineer Amateur Antenna Supply (formerly Aerials Int'l.)

Friday 12.30 to 5:00 PM Riverview A,B,C

A fun and exhaustive discussion of the design, construction and use of many kinds and varieties of wire antennas and feedlines. The workshop will conclude with a broad ranging discussion of personal experiences and a workshop lab to design and construct a wire antenna for a specific use.

(Pre-registration required limited to 100. Fee: \$10.00)

(2) The ARRL Forum

Kay Craigie N3KN Vice President, ARRL

Greg Milnes W7OZ Director, Northwestern Division, ARRL

Saturday 1:30 to 3:00 PM Seaside A,B

An opportunity to meet Kay and Greg to hear about the League's goals, as well a time to express your opinion on policy matters.

(3) VHF Mobile Antenna Performance The Other Half of the Story

Danny Richardson K6MHE

Saturday 2:00PM Riverview B

Using computer modeling, Danny shows what may be expected using 1/4, 1/2 or 5/8 wavelength antennas mounted on various vehicles (Small and full sized passenger cars, a pickup truck, and a SUV). The results are informative.

(4) Motivating Volunteers

Kay Craigie N3KN Vice President, ARRL

Saturday 10:00 AM Seaside C

An age-old problem is how to get volunteers to share your vision and goals. Kay will share her ideas, and considerable experience, about that problem for those who are, or may be, in leadership positions.

(5) A Repeater for the 21st Century

David Hakleman W7QH

Saturday 1:30 PM Seaside C

Dave expands on the Mary's Peak project looking to bring the repeater into the 21st century. Included will be a lively discussion on ideas that you or others might like to see.

NOTE: PLEASE TURN OFF HAND-HELDS DURING SEMINARS

Liter Topic Information

te A.P.R.S.

Ron Reeves N7OXO

Saturday 10:00 to 11.30 AM Riverview B

The Automated Position Reporting System (APRS) is a fun and exciting use of packet radio to show a display of moving and stationary objects. It uses GPS technology, computers, radios and TNC's. Check out website at *mwaprs.org*

1" The MARS Program

Pete Thunem WA7JBG Oregon State MARS Director

Saturday 12.30 PM Riverview A

Those who served in the military at overseas bases remember the great mission the MARS stations provided connecting service personnel with their families at home. Today's MARS expands the program to provide emergency service and homeland security communications. Come and learn how the program works.

15 Ground Systems for HF Verticals

Rudy Severns N6LF

Saturday 10:30 AM Riverview A

Definition, "Vertical: An antenna that radiates poorly in all directions." Come and learn from Rudy how to make the venerable vertical an effective HF antenna through proper grounding techniques.

19 OSLing: Getting that Card

Bren Roberson W7EN

Cory Schoch KA7IUG

Saturday 3:45 PM Riverview A

When you are seeking DXCC, working the station is the easy part. Getting the confirmation can be difficult and frustrating. Learn the ins-and-outs of QSLing from gals that have confirmed over 200 countries each.

110) Sound Card Lab

Hoodview A.R.C.

Sunday 10:00 AM Riverview BC

Computers equipped with sound cards have revolutionized the digital communications world. With proper software two way communications for text, data and pictures are possible without expensive peripherals. A discussion of software available and have a hands-on demonstration to get you started. If you bring your notebook /laptop we'll load the software and help you customize it.

111) Get Your Feet Wet With PSK31

Clint Hurd KK7UO

Saturday 10:30 AM Seaside A&B

Clint offers a live demonstration of BPSK31 and MFSK16 using two stations in the same room. He will cover basic sound card operation and building your own sound card interface.

NOTE: PLEASE TURN OFF HAND-HELDS DURING SEMINARS

Seminar Topic Information

(12) Near Vertical Incident Skywave

Bert Younglove WA7AXO

Saturday 10:30 AM Riverview C

VHF for emergency communications is OK for the "flat lands" or where repeaters are available. What do you do when you're in a deep valley and your signal needs to "leap tall mountains with a single bound." Used by the military for a long time, NVIS may be the answer for your ARES communications. Learn how to determine what frequencies and antennas will do the job for you.

(13) Repeater Internet Linking Project

Mike Steiner KD6LVP

Saturday 1:30 PM Riverview C

Voice over the internet (VoIP) has been a reality for some time. Is it possible to use the internet to link our repeaters together? Mike believes it is. He will attempt to demonstrate it from Seaside!

(14) Sound Card Software for Amateur Radio

Dan Gravereau N1ZZ

Owner of West Mountain Radio

Saturday 3:45 PM Seaside A&B

Meet the owner of West Mountain Radio, manufacturer of the popular Sound Blaster interface. He will discuss the amazing things you can do with a sound card equipped computer. Check out Seminar 10 for more sound card information.

(15) DXing for Beginners

Al Rovner K7AR

Saturday 11:30 AM Seaside C

Would you tike to get into it but don't know where to start? Been doing some DXing but want to find out how to do it better? Al, a veteran DXer, knows what it takes to become an effective country hunter. He learned from both ends of the pileup. He wants to share his knowledge and experience with you.

(16) Emergency Communications Antennas

When you just have to get out.

Marshall Johnson KK7CW

Sunday 10:00 AM Seaside A&B

Looking for something interesting to do Sunday morning? Grab a cup of coffee and join Marsh for a lively discussion of effective antennas for times of emergency. You'll come away ideas for portable operation, like camping and Field Day.

(17) Overcoming Antenna Restrictions

Mark Forbes KC9C

John Kernkamp WB4YJT

Saturday 3:45 PM Riverview B

Do you live in an antenna restricted neighborhood but want to do some hamming from home? Mary and John from Ventenna Co. have strategies to solve your dilemma.

(18) MatchMaker – Code Strategy

NOTE: PLEASE TURN OFF HAND-HELDS DURING SEMINARS

Eninar Topic Information

+15 MatchMaker - Code Strategy

Sam L. Sparks PhD K2ASP

Saturday 11 30 AM Riverview B

Sam has a unique and powerful way to help Hams learn the code. He is a consultant specializing in matching people to jobs and visa versa. He shows people how they can best learn to gain mastery over a subject at work or for pleasure

412 Ham Law

Pail Kane K2ASP Volunteer Counsel, ARRL

Saturday 3 30 PM Riverview C

Pair. a tawyer and engineer, is an FCC veteran working many years in the San Francisco Office. He is ready to discuss the legal aspects of our hobby, such as Pair. 97. CC&Rs, and interference issues. Join him for a lively discussion of your mants and responsibilities as an amateur radio licensee

(2) Community Disaster Education

Prepare for Life

Patrice Goodman, American Red Cross

Suurday 2 00 PM Riverview A

Fires, floods, and other natural or man-made disasters can strike without warning. Are you prepared to protect your home and family? Learn what steps you might take now to be better prepared to help your own home and community.

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RAGS Test Bench

As a service to flea market buyers, the Radio Amateurs of the Gorge (RAGS) will have a test bench on the west side of the exhibit area. Test equipment will include a power supply, speaker, voltmeter, frequency counter, oscilloscope and watt meters. Buyers and prospective buyers are encouraged to make use of this service to check out those flea market treasures and unbelievable bargains.

Neither RAGS nor SEAPAC accepts responsibility for the condition or operability of any equipment, nor can they be held culpable for any equipment damaged as a result of test gear usage.

Meetings at SEAPAC

Saturday

9:00 AM 10:00 AM Noon Noon 1.00 PM 3:00 PM Oregon Section Cabinet Meeting
NTS Forum
QCWA Luncheon
YLRL Luncheon
ARES Meeting
SKYWARN Net Planning Meeting
[Kittitas, Yakıma, Klickitat, and Wasco Counties only]

Check Bulletin Boards
Sea-Mist Room
Sea-Mist Room
Sea-Mist Room
Sea-Mist Room

Sunday

9:00 AM

ARRL Cabinet Meeting

Sea-Mist Room

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Thanks To All The Volunteers Who Helped Make SEAPAC 2003 A Success! [We apologize for unassions due to our publication deadline]

EXECUTIVE COMMITTEE Al Berg, W7SIC Jan Schaeffer, KB7ADH Will Sheffield, N7THL

TREASURER Linda Sutton, KC7YTD

> EXHIBITORS Al Berg, W7SIC

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Carolyn Howells, WA7SVV in Ivancovich, KD7HGT Cindy Kenyon, KC7UJD Jerry Kenyon, KB7LNR Terry Kenyon

Doug Leffert, KC6WZU Nick Legg, KD7LVM Ivan Loock, N7PRM Keefe Lynch Bill Morris, W7IH Chris Nelson N7ELU

Kevin Novak, K7KCN Jesh Nycz, KD7QGI

"Bored Spouses" le Landers, KD7GQW Pat Ackenhead, WA2ZZZ Mary Berg, N7TRW

Harold Landers, WA0BRU Teresa Mathia

Jeff Mathia, KF6CXD Linda Sutton, KC7YTD

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Mel Sutton, KB7PVW

ADVERTISING Al Berg, W7SIC

REGISTRATION Will Sheffield, N7THL Sally Butterfield, N7WAL Jeff Mathia, KF6CXD

SEMINARS Hoodview A.R.C. Ed Clulow, W7TL

SECURITY Clark County A.R.C. Luther Brisky, KC7KV Wayne Schuler, A19Q

TALK IN STATION Sunset Empire A.R.C. Marque Mariott, N7LWO Gordon Lange, N7GCA Scott Hulls, KC700H Diane Hankins, KC7OHH

Emily Wolf, KB7L

V.E. TESTING Carl Clawson, WS7L Claire Johnson, N7CM Ernie Johnson, K7EAJ Ron Meese, K7GX Phil Westover WA7URV Paul Thutt, KC7TMU Jim Monaghan N7HKO Ron Schultz, N7HKK Dave Tucker, K7DLT

BANQUET PROGRAM Al Berg, W7SIC

(Committee Chairmen Underlined)

Be sure to express your appreciation to these volunteers.

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2003 NW Division Ham Convention

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